

03/07/01
J1048 U.S. PTO

03-08-01

A

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No: 27611/34370B

PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Inventors:	Lawrence A. Kennedy 24306 Turnberry Court Naperville, IL 60564	Alexei A. Saveliev 736 Benedetti Drive Naperville, IL 60503
	Alexander A. Fridman 24050 Ascot Court Naperville, IL 60564	Marcus Drayton 1001 Madison Street Oak Park, IL 60302

Title: SUPERADIABATIC GENERATION OF HYDROGEN AND HYDROCARBONS

1. Type of Application

- ☒ This is a continuation-in-part of prior, co-pending U.S. patent application Serial No. 09/201,511 filed November 30, 1998.

2. Application Papers Enclosed

- | | |
|----|---|
| 1 | Title Page |
| 20 | Pages of Specification (excluding Claims, Abstract, & Drawings) |
| 3 | Pages of Claims |
| 1 | Pages of Abstract |
| 3 | Sheets of Informal Drawings (Figs. 1 to 3) |

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **March 7, 2001**, in an envelope addressed to: Box Patent Application, Commissioner for Patents, Washington, D.C. 20231 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. **EM57844331448**.

Richard Zimmermann
Richard Zimmermann

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196008/60

3. Declaration or Oath

- ☐ Enclosed
- ☐ Executed by the Inventors
- ☒ Not enclosed - the undersigned attorney or agent is authorized to file this application on behalf of the applicant(s). An executed declaration will follow.

4. Information Disclosure Statement

An information disclosure statement is being submitted herewith.

5. Assignment

The prior application is assigned of record to The Board of Trustees of the University of Illinois, and was recorded at Reel No. 9835, Frame No. 0134 on March 22, 1999.

6. Small Entity Status

Small entity status has been established in the prior nonprovisional application and such status is still proper and desired.

7. Additional Papers Enclosed

- ☒ Return receipt postcard

8. Filing Fee Calculation (37 CFR 1.16)

A. ☒ Utility Application

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$355.00		\$710.00
TOTAL	18 -20	= 0	X 9 =	\$0.00	X 18 =	\$
INDEP.	1 - 3	= 0	X 40 =	\$0.00	X 80 =	\$
<input type="checkbox"/> First Presentation of Multiple Dependent Claim			+ 135 =	\$0.00	+ 270 =	\$
Filing Fee:				\$355.00	OR	\$

B. ☐ Design Application (\$160.00/\$320.00) Filing Fee: \$ _____

C. ☐ Plant Application (\$245.00/\$490.00) Filing Fee: \$ _____

D. Other Fees

☐ Recording Assignment [Fee -- \$40.00 per assignment] \$ _____

☐ Petition fee for filing by other than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached [Fee -- \$130.00] \$ _____

☐ Other \$ _____

Total Fees Enclosed \$355.00

9. Method of Payment of Fees

☒ Enclosed check in the amount of: \$355.00

☐ Charge Deposit Account No. 13-2855 in the amount of: \$ _____
A copy of this Transmittal is enclosed.

☐ Not enclosed

10. Deposit Account and Refund Authorization

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed

or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. **A copy of this Transmittal is enclosed.**

Please refund any overpayment to Marshall, O'Toole, Gerstein, Murray & Borun at the address below.

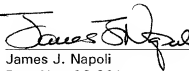
11. Correspondence Address

Customer No.: 04743

Respectfully submitted,

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By:


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March 7, 2001